

ABSTRACT

A method for producing an article having a surface formed of a composite material. It includes microstructuring a surface of a non-metallic substrate; and depositing a metallic layer onto the surface of the non-metallic substrate without applying an external current. In this method, the non-metallic substrate contains at least one polymer and a composite material that includes a non-metallic substrate and a metal layer thereon and has an adhesive strength of at least 4 N/mm².